

# GOAT ANTI-GLUR5 / GRIK1 ANTIBODY

**SKU:** EB08000



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## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	GLUR5 GRIK1 glutamate receptor, ionotropic, kainate 1 EAA3 EEA3 GLR5 excitatory amino acid receptor 3
<b>Accession ID</b>	NP_000821.1; NP_783300.1
<b>Blocking Peptide</b>	EBP08000
<b>Immunogen</b>	Peptide with sequence QCKQTHPTNSTS, from the internal region (near the C Terminus) of the protein sequence according to NP_000821.1; NP_783300.1.
<b>Product Comments</b>	This antibody is expected to recognise both reported isoforms according to NP_000821.1 and NP_783300.1.
<b>Peptide Sequence</b>	QCKQTHPTNSTS
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	2897
<b>Mouse Gene ID</b>	14805
<b>Rat Gene ID</b>	29559
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:8000.
<b>Western Blot</b>	Approx 150kDa band observed in Human Brain (Cerebellum and Cerebral Cortex) lysates (calculated MW of 104kDa according to NP_000821.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Christensen et al , J Neurosci. 2004 Oct 13;24(41):8986-93.; PMID: 15483117). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. An additional very strong band of unknown identity was also consistently observed at 60kDa. This band was successfully blocked by incubation with the immunising peptide.

**Application Type** Pep-ELISA, WB, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

